

PATENT COOPERATION TREATY

PCT

NOTICE INFORMING THE APPLICANT OF THE
COMMUNICATION OF THE INTERNATIONAL
APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

SUZUYE, Takehiko
Suzuye & Suzuye
7-2, Kasumigaseki 3-chome
Chiyoda-ku, Tokyo 100-0013
JAPON

Date of mailing (day/month/year) 05 July 2001 (05.07.01)		IMPORTANT NOTICE	
Applicant's or agent's file reference 00S1108P			
International application No. PCT/JP00/09259	International filing date (day/month/year) 26 December 2000 (26.12.00)	Priority date (day/month/year) 27 December 1999 (27.12.99)	
Applicant KABUSHIKI KAISHA TOSHIBA et al			

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:
US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:
EP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on
05 July 2001 (05.07.01) under No. WO 01/49049

REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35	Authorized officer J. Zahra Telephone No. (41-22) 338.83.38
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Copy for the designated Office (DO/US)
PATENT COOPERATION TREATY

PCT/JP00/09259

PCT

NOTIFICATION OF THE RECORDING
OF A CHANGE

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

From the INTERNATIONAL BUREAU

To:

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JAN 04 2001

SUZUYE, Takehiko
Suzuye & Suzuye
7-2, Kasumigaseki 3-chome Technology Center 2
Chiyoda-ku, Tokyo 100-0013
JAPON

Date of mailing (day/month/year) 07 September 2001 (07.09.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 00S1108P	
International application No. PCT/JP00/09259	International filing date (day/month/year) 26 December 2000 (26.12.00)

1. The following indications appeared on record concerning:

☒ the applicant ☐ the inventor ☐ the agent ☐ the common representative

Name and Address

KABUSHIKI KAISHA TOSHIBA
72, Horikawa-cho
Saiwai-ku, Kawasaki-shi, Kanagawa
210-8572
Japan

State of Nationality
JP

State of Residence
JP

Telephone No.
03-3457-2512

Facsimile No.
03-3456-3229

Teleprinter No.

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

Name and Address

KABUSHIKI KAISHA TOSHIBA
1-1, Shibaura 1-chome
Minato-ku, Tokyo 105-8001
Japan

State of Nationality
JP

State of Residence
JP

Telephone No.
045-770-3420

Facsimile No.
045-770-3453

Teleprinter No.

RECEIVED

JAN 04 2002

3. Further observations, if necessary:

Technology Center 2600

4. A copy of this notification has been sent to:

☒ the receiving Office ☒ the designated Offices concerned
☐ the International Searching Authority ☐ the elected Offices concerned
☐ the International Preliminary Examining Authority ☐ other:

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer Y. KUWAHARA Telephone No.: (41-22) 338.83.38
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PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION CONCERNING
SUBMISSION OR TRANSMITTAL
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

To:

SUZUYE, Takehiko
Suzuye & Suzuye
7-2, Kasumigaseki 3-chome
Chiyoda-ku, Tokyo 100-0013
JAPON

Date of mailing (day/month/year) 14 March 2001 (14.03.01)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 00S1108P	
International application No. PCT/JP00/09259	
International publication date (day/month/year) Not yet published	
Applicant KABUSHIKI KAISHA TOSHIBA et al	International filing date (day/month/year) 26 December 2000 (26.12.00) Priority date (day/month/year) 27 December 1999 (27.12.99)

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, **the attention of the applicant is directed** to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
27 Dec 1999 (27.12.99)	11/371764	JP	23 Febr 2001 (23.02.01)

The International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland

Facsimile No. (41-22) 740.14.35

Authorized officer

Magda BOUACHA

Telephone No. (41-22) 338.83.38

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 00S1108P	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/JP 00/09259	International filing date (day/month/year) 26/12/2000	(Earliest) Priority Date (day/month/year) 27/12/1999
Applicant KABUSHIKI KAISHA TOSHIBA et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.
☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

- ☐ contained in the international application in written form.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority in written form.
☐ furnished subsequently to this Authority in computer readable form.
☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant.
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

- ☐ as suggested by the applicant. 3
☐ None of the figures.
☐ because the applicant failed to suggest a figure.
☒ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JPO/09259

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04Q7/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 98 42120 A (ROUX MICHEL ;KIRIK JEAN PAUL (FR); LEVY DAVID (FR); GEMPLUS CARD I) 24 September 1998 (1998-09-24) page 6, line 23 -page 11, line 18 ---	1-3,7,8
X	EP 0 869 691 A (DEUTSCHE TELEKOM AG) 7 October 1998 (1998-10-07) the whole document ---	1,7,8
X	EP 0 884 916 A (NOKIA MOBILE PHONES LTD) 16 December 1998 (1998-12-16) the whole document ---	1-3,7
X	WO 95 12293 A (MESSIET SAMIRA ;ALCATEL MOBILE COMM FRANCE (FR); ALCATEL NV (NL)) 4 May 1995 (1995-05-04) the whole document ---	1,7
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

29 June 2001

Date of mailing of the international search report

05/07/2001

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
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Authorized officer

Roberti, V

INTERNATIONAL SEARCH REPORT

International Application No

PCT/J/09259

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 298 613 A (MOTOROLA INC) 11 September 1996 (1996-09-11) the whole document ---	1-17
A	EP 0 555 992 A (NOKIA MOBILE PHONES LTD) 18 August 1993 (1993-08-18) column 2, line 25 -column 4, line 28 -----	1-17

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP/09259

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9842120	A	24-09-1998	FR 2761219 A AU 6924798 A	25-09-1998 12-10-1998
EP 0869691	A	07-10-1998	DE 19713965 A	08-10-1998
EP 0884916	A	16-12-1998	GB 2326309 A JP 11113070 A	16-12-1998 23-04-1999
WO 9512293	A	04-05-1995	FR 2711866 A AT 181632 T AU 683953 B AU 8063894 A CA 2174754 A CN 1133667 A DE 69419261 D DE 69419261 T DK 727129 T EP 0727129 A FI 961761 A JP 3031567 B JP 8511144 T NZ 275131 A US 5875404 A	05-05-1995 15-07-1999 27-11-1997 22-05-1995 04-05-1995 16-10-1996 29-07-1999 09-12-1999 22-11-1999 21-08-1996 29-05-1996 10-04-2000 19-11-1996 26-11-1996 23-02-1999
GB 2298613	A	11-09-1996	US 6012634 A CA 2169326 A DE 19607509 A FR 2732136 A IT RM960134 A JP 8279025 A	11-01-2000 07-09-1996 19-09-1996 27-09-1996 28-08-1997 22-10-1996
EP 0555992	A	18-08-1993	FI 920651 A AU 665047 B AU 3294393 A DE 69304364 D DE 69304364 T HK 1000030 A JP 5284246 A US 5353328 A	15-08-1993 14-12-1995 19-08-1993 10-10-1996 20-02-1997 09-10-1997 29-10-1993 04-10-1994